

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of)
)
 ICHIMURA et al.)
)
 Application Number: To be Assigned)
)
 Filed: Concurrently Herewith)
)
 For: MR (MAGNETORESISTANCE) DEVICE AND)
 MAGNETIC RECORDING DEVICE)
)
 ATTORNEY DOCKET NO. NITT.0158)

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each U.S. and foreign patent, or each publication or portion thereof listed or herein identified, submitted herewith.

This Information Disclosure Statement is submitted with the initial filing of the application. Accordingly, no fee is due or payable at this time.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

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November 5, 2003

Form PTO 1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	ATTY. DOCKET NUMBER NITT.0158	SERIAL NUMBER To be Assigned
	APPLICANT Ichimura et al.	
	FILING DATE Concurrently Herewith	GROUP

U.S. Patent Documents

Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLA SS	SUBC LASS	FILING DATE

Foreign Patent Documents

Examiner Initial	DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO
	2001-156357	9/1/2000	Japan			Abstract	X
	11-135857	10/30/97	Japan			Abstract	X

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

		J.Z. Sun, D.W. Abraham, K. Roche and S.S.P. Parkin, "Temperature and Bias Dependence of Magnetoresistance in Doped Manganite Thin Film Trilayer Junctions", Applied Physics Letters, Volume 73, Number 7, August 17, 1998, pp. 1008-1010
		Jagadeesh S. Moodera and Lisa R. Kinder, "Ferromagnetic-Insulator-Ferromagnetic Tunneling: Spin-Dependent Tunneling and Large Magnetoresistance in Trilayer Junctions (Invited)", J. Appl. Phys. 79 (8), April 15, 1996, pp. 4724-4729
		J.S. Moodera, Lisa R. Kinder, Terrilyn M. Wong and R. Meservey, "Large Magnetoresistance at Room Temperature in Ferromagnetic Thin Film Tunnel Junctions", Physical Review Letters, Volume 74, Number 16, April 17, 1995, pp. 3273-3276
		J.A. Katine, F.J. Albert, R.A. Buhrman, E.B. Myers and D.C. Ralph, "Current-Driven Magnetization Reversal and Spin-Wave Excitations in Co/Cu/Co Pillars", Physical Review Letters, Volume 84, Number 14, April 3, 2000, pp. 3149-3152
		J. Grollier, V. Cros, A. Hamzic, J.M. George, H. Jaffrès, A. Fert, G. Faini, J. Ben Youssef and H. Legall, "Spin-Polarized Current Induced Switching in Co/Cu/Co Pillars", Applied Physics Letters, Volume 78, Number 23, June 4, 2001, pp. 3663-3665
EXAMINER		DATE CONSIDERED
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant		